

ACADEMY MATERIALS AVAILABLE TO ASSIST WITH PART 46 TRAINING

<u>Subject Area/Title</u>	<u>Format</u>	<u>Catalog #</u>	<u>Applicable to</u>
Training Program Development			
30 CFR Part 46 Starter Kit with Sample Training Forms	Book	IG-36	These materials will assist the instructor with developing training plans and lesson plans for part 46
30 CFR part 46 Instructor Guide with Lesson Plans	Book	IG-37	
Health and Safety Audit for Aggregate Operations	Book	IG-14	
Comprehensive Materials			
Part 46 Training Packet - Introduction to the Work Environment <i>(Available in draft form)</i>	Book (88 pages)	IG-31	These comprehensive materials are applicable to:
Contains eleven modules:			<ul style="list-style-type: none">• Introduction to the work environment
<ul style="list-style-type: none">• surface machinery• surface machinery safety• dredges and barges• haulage;• processing (milling and crushing)• conveyors• electricity• welding• blasting and explosives• sand and gravel• glossary of terms			<ul style="list-style-type: none">• Recognition and avoidance of electrical hazards and other hazards, such as traffic patterns and control, mobile equipment, and ground conditions• Health and safety aspects of the tasks to be assigned

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<p>On-the-Job Training Modules for Sand, Gravel, and Crushed Stone <i>(Available in draft form)</i></p> <p>Contains nineteen modules:</p> <ul style="list-style-type: none"> • starting the plant • plant cleanup • plant shutdown • plant operation • maintaining conveyor systems • plant repair • welding and cutting • equipment lock-out procedures • electrical procedures for non-electricians • truck haulage • ground control • inspecting and replacing cables • replacing the drive chain or belt on a screw conveyor • manual handling of materials • using an overhead hoist to lift or handle parts or materials • handling material with a shop overhead traveling crane • primary crushing operation • operating drilling equipment • transportation, use and storage of explosives 	Book (204 pages)	IG-40	<p>These comprehensive materials are applicable to:</p> <ul style="list-style-type: none"> • Introduction to the work environment • Recognition and avoidance of electrical hazards and other hazards, such as traffic patterns and control, mobile equipment, and ground conditions • Health and safety aspects of the tasks to be assigned

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Electrical			
Safety Around Power Lines	Video (13 minutes)	VC-812	<p>All of the electrical materials are applicable to :</p> <ul style="list-style-type: none"> • Introduction to the work environment • Recognition and avoidance of electrical hazards • Health and safety aspects of the task to be assigned
Lock-Out and Tag for Safety	Video (9 minutes)	VC-852	
Avoiding Electrical Hazards in Mines	Video (15 minutes)	VC-910	
Electrical Hazards Safety Manual	Book (52 pages)	SM-9	
Mine Electricity (M/NM) - Instructor's Guide	Book (137 pages)	CI-8	
Mine Electricity (M/NM) - Student Text	Book (117 pages)	CI-8a	
Electricity	Best Practices Card	BP-17	
Electricians (MNM Contractors)	Best Practice Card	BP-20	
Repair and Maintenance of Surface Equipment (Independent Contractors)	Best Practices Card	CC-4	
Electrical Safety (Independent Contractors)	Best Practices Card	CC-5	

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First Aid			
Harvey Roles I	Video (13 minutes)	VC-921	All of the first aid materials are applicable to
First Aid (Designed to be used with IG 52)	Video	VC-886	
First Aid Instructors’ Guide	Book (329 pages)	IG-52	• Emergency medical procedures
First Aid Safety Manual	Book (62 pages)	SM-3	
First Aid Book	Book (237 pages)	IG-61	• First aid
Health and Industrial Hygiene			
Dust Control: It’s Everyone’s Business	Video (20 minutes)	VC-843	All of the health materials are applicable to:
Eliminating Silicosis	Video (25 minutes)	VC-932	
Operation of the Quest Micro-15 Noise Dosimeter	Video (28 minutes)	VC-931	• Introduction to the work environment
Silicosis: A Preventable Disease	Video (19 minutes)	VC-929	
The Disease . . . Silicosis	Video (5 minutes)	VC-888	• Health and safety aspects of the task to which assigned
What Does the Term Silicosis Mean to You?	Video (13 minutes)	VC-913	
Tips for Preventing Silicosis (also available in Spanish)	Flyer		
Ten Minutes on Silicosis for Metal and Nonmetal Miners	Health Hazard Card	HH-9	
Two Minutes on Silicosis for Metal and Nonmetal Miners	Health Hazard Card	HH-10	
Working in Confined Spaces	Health Hazard Card	HH-11	

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Health and Industrial Hygiene (Continued)			
Filter Self-Rescue Devices	Health Hazard Card	HH-12	<ul style="list-style-type: none"> • Escape and emergency evacuation plans
Poison Plants	Health Hazard Card	HH-14	All of the health materials are applicable to:
Personal Noise Measurements (M/NM)	Health Hazard Card	HH-15	
“Watch Your Back” - Prevent Back Injuries	Health Hazard Card	HH-17	
Welding Hazards	Health Hazard Card	HH-18	<ul style="list-style-type: none"> • Introduction to the work environment • Health and safety aspects of the task to which assigned
Mineral Dust Hazard and Sampling (M/NM)	Health Hazard Card	HH-19	
Silica Exposure of MNM Miners (M/NM)	Health Hazard Card	HH-20	
A Guide to Working with Silica (also available in Spanish)	Book (20 pages)	OT-33 OT-33S	
The Miner’s Health Pack (A series of fact sheets and resources)	Book (80 pages)	IG 28	
Sampling for Silica and Noise - A Handbook for Metal/Nonmetal Miners and Mine Operators	Book (30 pages)	IG-29	

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Haulage			
Brakes, Grades and Runaways - Highway Trucks	Video (18 minutes)	VC-873	<p>All of the haulage materials are applicable to:</p> <ul style="list-style-type: none"> • Introduction to the work environment • Recognition and avoidance of hazards • Health and safety aspects of the task to which assigned
Brakes, Grades and Runaways - Off-Road Trucks	Video (18 minutes)	VC-872	
Good Berms Save Lives	Video (15 minutes)	VC-928	
Highway Haulage Truck Inspection Conducted by MSHA Inspectors	Video (18 minutes)	VC-853	
Inspection of Off-Road Haulage Trucks by an MSHA Inspector	Video (13 minutes)	VC-850	
Pre-Operation Inspection of Off-Road Haulage Trucks by the Driver	Video (16 minutes)	VC-855	
Pre-Operation Inspection of Highway Haulage Trucks by the Driver	Video (10 minutes)	VC-863	
Visibility and Communications: Off-Road and Highway Trucks (Also available in Spanish)	Video (18 minutes)	VC-869 VC-814	
Seat Belt Success Story Part 1	Video (5 minutes)	VC-833	
Seat Belt Success Story Part 2	Video (7 minutes)	VC-834	
Tire and Rim Safety Awareness Program	Book (34 pages)	IG-60	
Brake Systems	Best Practice Card	BP-1	
Cab Inspections	Best Practice Card	BP-2	
Haulage Equipment Operators	Best Practice Card	BP-3	

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Haulage (Continued)			All of the haulage materials are applicable to:
Haulage Safety Attitude	Best Practice Card	BP-4	
Highway Truck Pre-Operation Inspection	Best Practice Card	BP-5	• Introduction to the work environment
100-Ton or Greater Truck Pre-Operation Inspection	Best Practice Card	BP-6	
100-Ton or Less Truck Pre-Operation Inspection	Best Practice Card	BP-7	• Recognition and avoidance of hazards
Pre- and Post-Operation Inspection of Surface Haulage Equipment	Best Practice Card	BP-8	• Health and safety aspects of the task to which assigned
ROPS (Rollover Protective Structures) and FOPS (Falling Object Protective Structures)	Best Practice Card	BP-9	
Steering	Best Practice Card	BP-10	
Surface Mine Powered Truck Haulage Dumping Procedures	Best Practice Card	BP-11	
Training Checklist	Best Practice Card	BP-12	
Contractors Powered Haulage	Best Practice Card	BP-16	
Haulage (MNM Contractors)	Best Practice Card	BP-23	
Tire and Rim Safety (MNM)	Best Practice Card	BP-30	
Haulage Equipment Safety (Independent Contractors)	Best Practices Card	CC-7	
Haulage Safety Attitude (Independent Contractors)	Best Practices Card	CC-8	

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Haulage (Continued)			All of the haulage materials are applicable to:
Highway Truck Pre-Operation Inspection (Independent Contractors)	Best Practices Card	CC-9	<ul style="list-style-type: none"> • Introduction to the work environment • Recognition and avoidance of hazards • Health and safety aspects of the task to which assigned
100-Ton or Greater Pre-Operation Inspection (Independent Contractors)	Best Practices Card	CC-10	
100-Ton or Less Pre-Operation Inspection (Independent Contractors)	Best Practices Card	CC-11	
Pre- and Post-Operation Inspection of Surface Haulage Equipment (Independent Contractors)	Best Practices Card	CC-12	
ROPS (Rollover Protective Structures) and FOPS (Falling Object Protective Structures) (Independent Contractors)	Best Practices Card	CC-13	
Powered Truck Haulage Loading and Dumping Procedures (Independent Contractors)	Best Practices Card	CC-14	
Trucker's Training Checklist (Independent Contractors)	Best Practices Card	CC-15	
Haulage Roads	Safety Tip Card	ST-2	
Truck Drivers – Dump Sites	Safety Tip Card	ST-5	
Truck Drivers – Safety Operating Procedures	Safety Tip Card	ST-6	
Truck Drivers – Vehicle Capabilities	Safety Tip Card	ST-7	
Truck Haulage – Arrive Home Alive	Safety Tip Card	ST-8	

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Machinery and Equipment			
Front-End Loader Safety	Video (14 minutes)	VC 862	All of the machinery and equipment materials are applicable to:
Stay Calm and Stay in the Cab	Video (12 minutes)	VC-940	
MSHA's Guide to Equipment Guarding	Book (32 pages)	OT-3	<ul style="list-style-type: none"> • Introduction to the work environment • Recognition and avoidance of hazards
Maintenance, Repair and Construction	Best Practice Card	BP-13	
Contractors Machinery	Best Practice Card	BP-15	
Mechanics (MNM Contractors)	Best Practice Card	BP-19	
Cranes (MNM Contractors)	Best Practice Card	BP-21	
Repair and Maintenance of Surface Equipment (Independent Contractors)	Best Practices Card	CC-4	
Cranes (Independent Contractors)	Best Practices Card	CC-6	
Slips and Falls on Mobile Equipment (Independent Contractors)	Best Practices Card	CC-17	
Highwall Drills	Safety Tip Card	ST-3	
Suggested Safety Measures for Operating Equipment on Surge Piles	Safety Tip Card	ST-4	
Conveyor Safety Tips for Laborers	Safety Tip Cards	ST-14	
Conveyor Safety Tips for Mechanics	Safety Tip Cards	ST-15	
Machinery and Equipment			

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Conveyor Safety Tips for Plant Operators	Safety Tip Cards	ST-16	All of the equipment materials are applicable to:
Conveyor Safety Tips for Supervisors	Safety Tip Cards	ST-17	<ul style="list-style-type: none"> • Introduction to the work environment • Recognition and avoidance of hazards
Traffic Control			
Customer and Delivery Truck Drivers Hazard Training	Video	VC-920	All of the traffic control materials are applicable to:
Blind Spots Can Kill!	Video (6.5 minutes)	VC-821	<ul style="list-style-type: none"> • Introduction to the work environment
Guidelines for Traffic Control at Surface Mines and Installations	Book (14 pages)	OT-26	<ul style="list-style-type: none"> • Recognition and avoidance of hazards
Water Safety			
Safety on or near the Water	Video (14 minutes)	VC-925	All the water safety materials are applicable to:
Operating Equipment Near a Body of Water	Best Practice Card	BP-14	<ul style="list-style-type: none"> • Introduction to the work environment
Drowning Prevention	Best Practice Card	BP-18	

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Miscellaneous			
Fire Safety (Available in Spanish)	Book (42 pages)	SM-13 SM-13S	<ul style="list-style-type: none"> Firewarning signals and firefighting procedures
Storage, Transportation and Handling of Compressed Gases	Video (28 minutes)	VC-881	All of the miscellaneous materials are applicable to:
Dump-Point Safety: Stockpiles and Wastepiles	Video (14 minutes)	VC-858	<ul style="list-style-type: none"> Introduction to the work environment
Confined Spaces in Mining	Video (9 minutes)	VC-815	
Fatal Alert: Entry into Storage Silos	Video (11 minutes)	VC-943	<ul style="list-style-type: none"> Health and safety aspects of the task to be assigned
Think “Quicksand”: Safety around Bins and Hoppers	Video (10 minutes)	VC-916	
Bins and Hoppers Safety Awareness Program	Book (83 pages)	IG-66	<ul style="list-style-type: none"> Recognition and avoidance of hazards
Stockpiling Safety Manual	Book (58 pages)	SM-30	
Personal Protective Equipment Safety Manual (Available in Spanish)	Book (56 pages)	SM-14 SM-14S	
For Your Safety (Independent Contractors)	Best Practices Card	CC-3	
Falling/Sliding Material, Highwalls and Banks (Independent Contractors)	Best Practices Card	CC-16	
Welding and Cutting (MNM Contractors)	Best Practice Card	BP-22	
Drilling (MNM)	Best Practice Card	BP-31	
Blasting (MNM)	Best Practice Card	BP-32	
Pressure Vessels (MNM)	Best Practice Card	BP-33	

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Rights, Authority, and Responsibilities			
A Guide to Miners' Rights and Responsibilities under the Federal Mine Safety and Health Act of 1977	Book	OT-2	These materials are applicable to:
Federal Mine Safety and Health Act of 1977	Book (88 pages)		<ul style="list-style-type: none"> • Statutory rights of miners and their representatives
Responsibilities of Independent Contractors Working on Mine Property	Best Practice Card	CC-2	<ul style="list-style-type: none"> • Authority and responsibilities of supervisors and miners' representatives
Fatal Accidents			
Fatal Accident Involving Construction, Maintenance, and Repair at Metal/Nonmetal Mines 1996-1997	Book	OT-36	These materials are applicable to:
Fatal Accidents at Small Crushed Stone and Gravel Mining Operations 1996-1998	Book	OT-41	<ul style="list-style-type: none"> • Recognition and avoidance of hazards
Fatal Accidents Involving Independent Contractors at Metal/Nonmetal Mines 1990-1998	Book	OT- 39	<ul style="list-style-type: none"> • Health and safety aspects of the task to which assigned
Surface Haulage Fatalities - Metal and Nonmetal 1989-1993	Book (61 pages)	OT-6	